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Jun 27, 2002

DOCUMENT-IDENTIFIER: US 20020081601 A1

TITLE: Methods and compositions for diagnosis and treatment of cancer based on the transcription factor ets2

Detail Description Paragraph (238):

[0237] In one aspect, the therapeutic nucleic acid comprises a ets2 nucleic acid that is part of an expression vector that expresses a dominant non-functional ets2 protein or fragment or chimeric protein thereof in cancer cells. The function of ets2 is thought to be mediated by protein-protein interactions. Therefore, ets2 mutants that are defective in function but effective in binding to its interacting partner can be used as a dominant negative mutant to compete with the wild type ets2. Dominant non-functional ets2 can be engineered for expression in cancer cells that inappropriately overexpress ets2.